



Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty Docket No.: IMM1P007A	Serial No.: 08/461,170
	Applicant: Louis B. Rosenberg et al.	
	Filing Date: June 5, 1995	Group: Unknown

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
JB	A	4,787,051	11/22/88	Olson	364	518	05/16/86
JB	B	5,095,303	03/10/92	Clark et al.	340	710	03/27/90
JB	C	5,132,672	07/21/92	Clark	340	710	07/13/90
JB	D	4,945,305	07/31/90	Blood	324	207.17	04/11/89
JB	E	4,849,692	07/18/89	Blood	324	208	10/09/86
JB	F	5,402,582	04/04/95	Raab	3B	503	02/23/93
JB	G	5,204,824	04/20/93	Fujimaki	364	474.03	08/23/90
JB	H	5,230,623	07/27/93	Guthrie et al.	483	72	12/10/91
JB	I	5,148,377	09/15/92	McDonald	364	560	06/12/89
JB	J	2,906,179	09/29/59	Bower	90	13.5	01/28/57
JB	K	3,531,868	10/06/70	Stevenson	33	174	04/18/68

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	L							
	M							
	N							
	O							
	P							

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
JB	R	Kenneth Meyer et al., "Survey of Position Trackers," The Massachusetts Institute of Technology Spring 1992, Vol. 1, No. 2, pp. 173-200.
	S	
	T	
Examiner JEFFERY BRIER		Date Considered 12-8-95

Examiner: Initial **PRIMARY EXAMINER**. Draw line through citation if not in conformance and not considered. Include **GROUP 260** this form with next communication to applicant.

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty Docket No.	Serial No.:
	IMM1P007A	08/461,170
	Applicant:	
	Louis B. Rosenberg et al.	
Filing Date:	Group:	
June 5, 1995	Unknown	

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
<i>JB</i>	A	3,890,958	06/24/75	Fister et al.	128	2S	04/08/74
<i>JB</i>	B	3,944,798	03/16/76	Eaton	3	56	04/18/74
<i>JB</i>	C	4,571,834	02/25/86	Fraser et al.	38	1PT	05/16/85
<i>JB</i>	D	4,638,798	01/27/87	Shelden et al.	128	303B	09/10/80
<i>JB</i>	E	4,653,011	03/24/87	Iwano	364	513	03/27/85
<i>JB</i>	F	4,670,851	06/02/87	Murakami et al.	364	518	10/22/84
<i>JB</i>	G	4,676,002	06/30/87	Slocum	33	1MP	12/20/85
<i>JB</i>	H	4,679,331	07/14/87	Koontz	33	551	08/26/85
<i>JB</i>	I	4,703,443	10/27/87	Moriyasu	364	559	02/07/85
<i>JB</i>	J	4,750,487	06/14/88	Zanetti	128	303B	11/24/86
<i>JB</i>	K	4,769,763	09/06/88	Trieb et al.	364	559	06/16/86

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	L							
	M							
	N							
	O							
	P							

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	R	
	S	
	T	
Examiner	JEFFERY BRIER PRIMARY EXAMINER GROUP 2600	
	Date Considered 12-8-95	

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include this form with next communication to applicant.

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty Docket No.	Serial No.:
	IMM1P007A	08/461,170
	Applicant:	
	Louis B. Rosenberg et al.	
Filing Date:	Group:	
June 5, 1995	Unknown	

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
JB	A	4,791,934	12/20/88	Brunnett	128	653	08/07/86
JB	B	4,819,195	04/04/89	Bell et al.	364	571.05	01/20/87
JB	C	4,888,877	12/26/89	Enderle et al.	38	559	05/09/88
JB	D	4,891,889	01/09/90	Tomelleri	33	503	05/02/88
JB	E	4,942,545	07/17/90	Sapia	364	571.01	06/06/88
JB	F	4,945,501	07/31/90	Bell et al.	364	571.05	04/12/89
JB	G	4,962,591	10/16/90	Zeller et al.	33	502	09/27/89
JB	H	4,982,504	01/08/91	Söderberg et al.	33	502	02/17/89
JB	I	5,040,306	08/20/91	McMurtry et al.	38	556	10/16/89
JB	J	5,050,608	09/24/91	Watanabe et al.	128	653R	09/04/90
JB	K	5,088,046	02/11/92	McMurtry	364	474.03	07/28/89

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	L							
	M							
	N							
	O							
	P							

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	R	
	S	
	T	

Examiner	JEFFERY BRIER PRIMARY EXAMINER	Date Considered 12-8-95
----------	-----------------------------------	----------------------------

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty Docket No.	Serial No.:
	IMM1P007A	08/461,170
	Applicant:	
	Louis B. Rosenberg et al.	
Filing Date:	Group:	
June 5, 1995	Unknown	

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
JB	A	5,088,055	02/11/92	Oyama	364	560	02/22/90
JB	B	5,131,844	07/21/92	Marinaccio et al.	433	72	04/08/91
JB	C	5,187,874	02/23/93	Takahashi et al.	33	502	02/08/91
JB	D	5,189,806	03/02/93	McMurtry et al.	33	503	08/17/92
JB	E	5,251,127	10/05/93	Raab	364	413.13	07/31/90
JB	F	5,251,156	10/05/93	Heier et al.	364	559	07/11/91
JB	G	5,259,120	11/09/93	Chapman et al.	36	502	07/20/92
	H						
	I						
	J						
	K						

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	L							
	M							
	N							
	O							
	P							

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	R	
	S	
	T	
Examiner	JEFFERY BRIER PRIMARY EXAMINER GROUP 2500	
	Date Considered 12-8-95	

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449 (Modified)	Atty Docket No.: IMM1P007A	Serial No.: 08/461,170
Information Disclosure Statement By Applicant	Applicant: Louis B. Rosenberg et al.	Group: Unknown
OCT 11 1995 Use Several Sheets if Necessary	Filing Date: June 5, 1995	



U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						
	J						
	K						

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
	L						Yes	No
	M							
	N							
	O							
	P							

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
<i>JB</i>	R	Smith, Geoffrey, "Call It Palpable Progress," <u>Business Week</u> , October 9, 1995, p. 93, 96.
<i>JB</i>	S	Rosenberg, Louis B., <u>Perceptual Design of A Virtual Rigid Surface Contact</u> , Center for Design Research, Stanford University, Armstrong Laboratory, AL/CF-TR-1995-0029, April 1993.
	T	
Examiner JEFFERY BRIER PRIMARY EXAMINER GROUP 2800		Date Considered 12-8-95

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.